



IFU

Patent

Docket No.: BM-189

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mirko Schindler, et al.

Serial No: 10/575,611

Int. Filed: May 21, 2004

For: EXTERNAL DOOR HANDLE, IN PARTICULAR FOR VEHICLES

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF DEFECTIVE RESPONSE

S I R:

In response to the Notification of Defective Response dated February 14, 2007, it is respectfully submitted that the inventor Helmut Schumacher, who is on the signed declaration filed January 16, 2007, is listed in the bibliographic data on file with the

International Bureau. An excerpt of the relevant data of the International Bureau is enclosed herewith. Also enclosed is a copy of form PCT/IB/306 which explains that the person identified in box 2 (Helmut Schumacher) has been added to the records as applicant for US.

Accordingly, it is submitted that a proper response to the Notification of Missing Requirements has been filed.

Respectfully submitted,

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Dated: March 14, 2007

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on March 14, 2007.

By: *FK Kueffner*
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Date: March 14, 2007

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IP SERVICES

Home IP Services PatentScope Patent Search



Search result: 1 of 1

(WO/2005/047629) EXTERNAL DOOR HANDLE, IN PARTICULAR FOR VEHICLES

Biblio. Data Description Claims National Phase Notices Documents

Latest bibliographic data on file with the International Bureau

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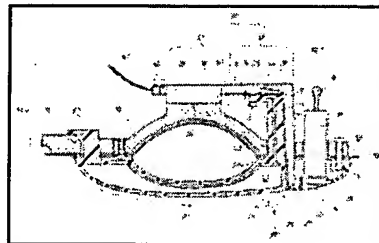
SCHUMACHER, Helmut [DE/DE]; Bahnhofallee 5, 48653 Coesfeld (DE).

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Priority Data: 103 48 719.0 16.10.2003 DE

Title: (EN) EXTERNAL DOOR HANDLE, IN PARTICULAR FOR VEHICLES
(DE) TÜR AUSSENGRIFF, INSBESONDERE FÜR FAHRZEUGE

Abstract: (EN) The invention relates to an external door handle consisting of a support (10), which is fixed to a door (11) and on which a handle (20) is mounted. In an unlocked position the handle acts on a lock and is inactive in the locked position of said lock. A capacitive sensor is provided to trigger the control of the lock, said sensor comprising an external electrode that is equipped with a sensor surface (37) and is located in the outer region of the door handle. To provide a wide range of configuration options for the location of the sensor surfaces, at least two additional internal electrodes are provided in the inner region of the external door handle, in addition to the sensor surface (37), said electrodes having active surfaces in the form of a transmission surface (36) and an excitation surface (35). An electric switching matrix (50.1), which is connected in series to the field of the sensor surface (37) that is active in the outer region of the external door handle, is generated between the two internal electrodes.



(DE) Der Türaussengriff besteht aus einem an der Tür (11) befestigten Träger (10) der eine Handhabe (20) lagert. Die Handhabe wirkt in entriegelter Position auf ein Schloss, während sie bei verriegelter Position des Schlosses unwirksam ist. Zum Auslösen der Umsteuerung des Schlosses ist ein kapazitiver Sensor vorgesehen, der eine im Aussenbereich des Türgriffs angeordnete äussere Elektrode mit einer Sensorfläche (37) aufweist. Für einen grösseren Gestaltungsspielraum bei der Anordnung der Sensorflächen wird vorgeschlagen, zusätzlich zu der Sensorfläche (37) auch noch im Innenbereich des Türaussengriffs mindestens zwei weitere, innere Elektroden vorzusehen, die als Wirkflächen eine Übertragungsfläche (36) und eine Erregerfläche (35) besitzen. Zwischen diesen beiden inneren Elektroden entsteht ein elektrisches Koppelfeld (50.1), das in Reihe geschaltet ist mit dem in den Aussenbereich des Türaussengriffs wirksamen Feld der Sensorfläche (37).

Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW)

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African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, 09.03.2007 10:32

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PATENT COOPERATION TREATY

KOPIE**PCT****NOTIFICATION OF THE RECORDING
OF A CHANGE**(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

MENTZEL, Norbert
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Germany**Eingegangen****21. FEB. 2006**Erl. _____
BUSE · MENTZEL · LUDEWIG

Date of mailing (day/month/year) 14 February 2006 (14.02.2006)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 1140-5/04a elektroni	
International application No. PCT/EP2004/005473	International filing date (day/month/year) 21 May 2004 (21.05.2004)

1. The following indications appeared on record concerning: <input type="checkbox"/> the applicant <input type="checkbox"/> the inventor <input type="checkbox"/> the agent <input type="checkbox"/> the common representative		
Name and Address	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning: <input checked="" type="checkbox"/> the person <input type="checkbox"/> the name <input type="checkbox"/> the address <input type="checkbox"/> the nationality <input type="checkbox"/> the residence		
Name and Address SCHUMACHER, Helmut Bahnhofsallee 5 48653 Coesfeld Germany	State of Nationality DE	State of Residence DE
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	
3. Further observations, if necessary: Please note that the person identified in Box 2 has been added to the records as Applicant for US only and Inventor for all Designated States.		
4. A copy of this notification has been sent to: <input checked="" type="checkbox"/> the receiving Office <input type="checkbox"/> the designated Offices concerned <input type="checkbox"/> the International Searching Authority <input checked="" type="checkbox"/> the elected Offices concerned <input checked="" type="checkbox"/> the International Preliminary Examining Authority <input type="checkbox"/> other:		

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer S. GROBET
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